COPY OF PAPERS
ORIGINALLY FILED

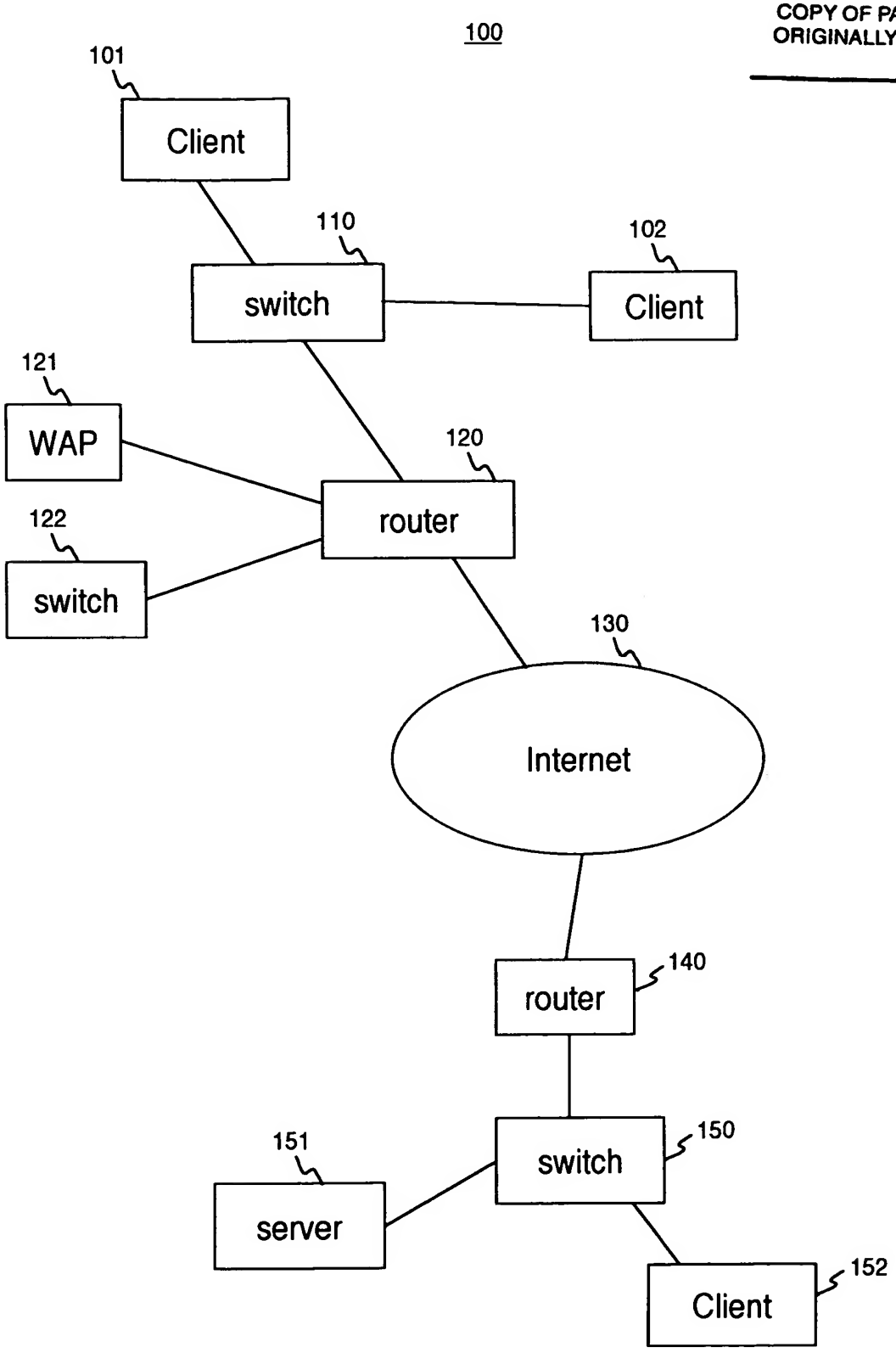

FIG. 1

COPY OF PAPERS
ORIGINALLY FILED

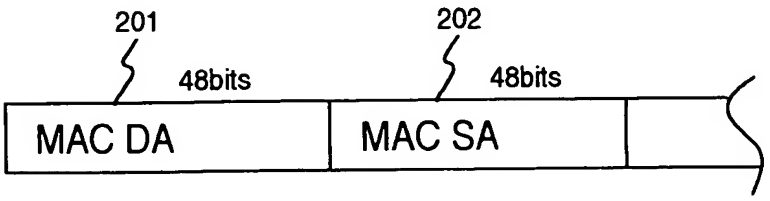

FIG. 2

COPY OF PAPERS
ORIGINALLY FILED

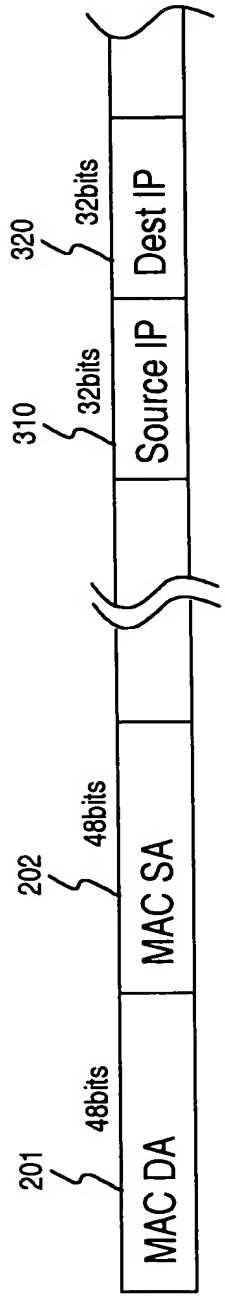

FIG. 3

COPY OF PAPERS
ORIGINALLY FILED

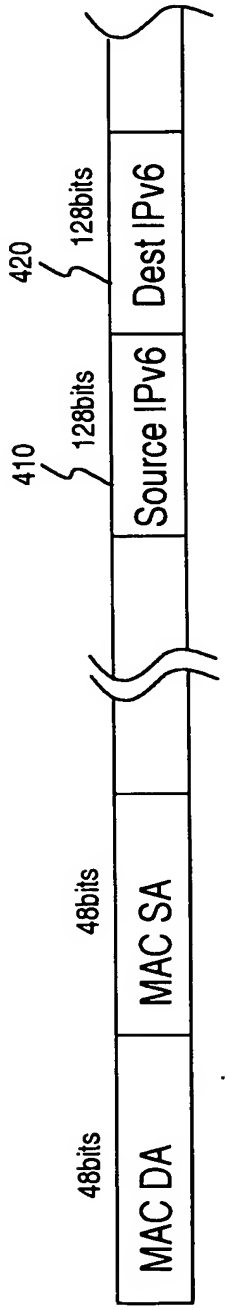

FIG. 4

COPY OF PAPERS
ORIGINALLY FILED

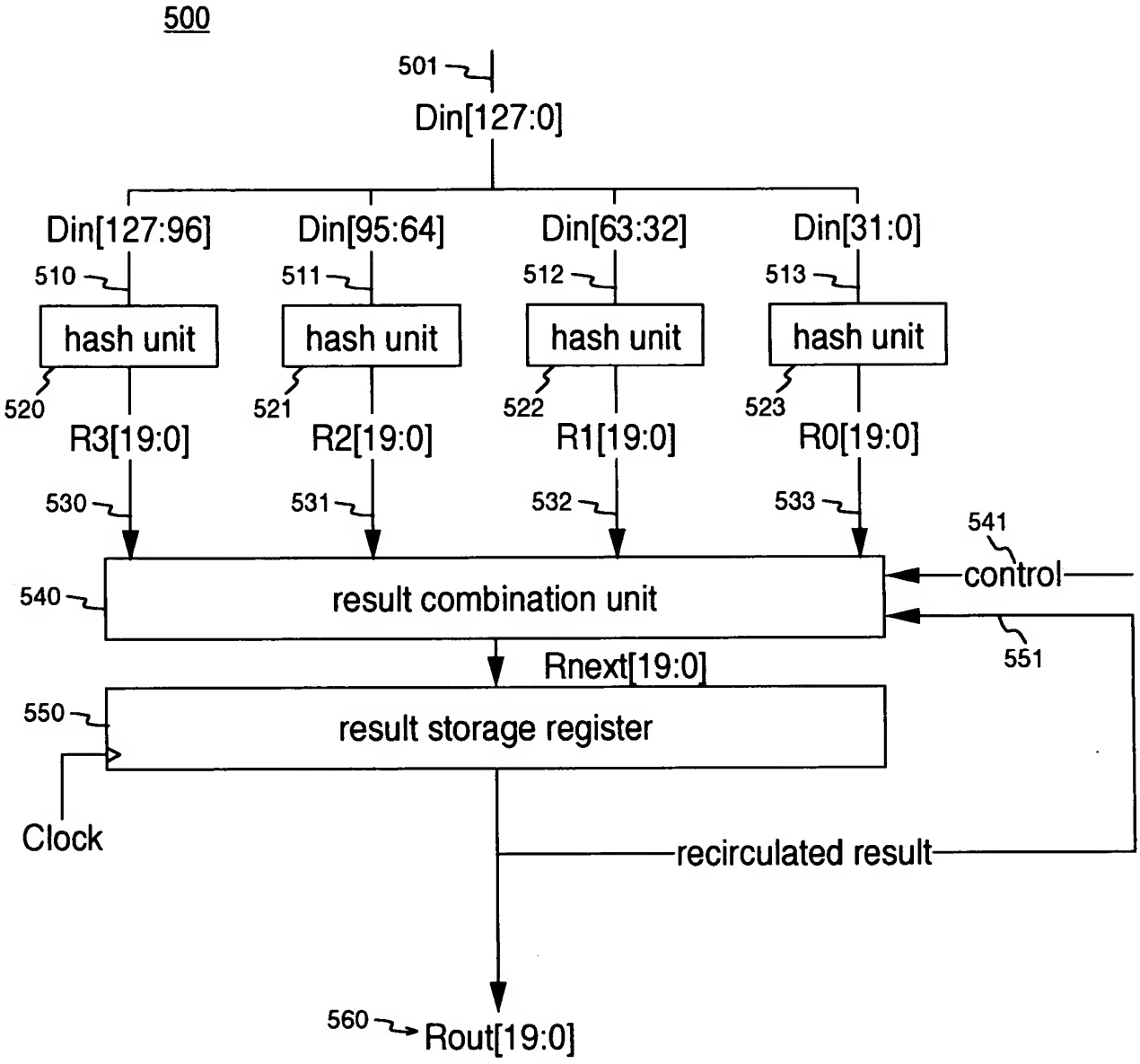

FIG. 5

COPY OF PAPERS
ORIGINALLY FILED

```
if (control == 0)
  {
  Rnext = R3 XOR R2 XOR R1 XOR R0;
  }
else
  {
  Rnext = R3 XOR R2 XOR R1 XOR R0 XOR Rout;
  }
  Rout < = Rnext on each positive clock edge
```

FIG. 6

COPY OF PAPERS
ORIGINALLY FILED

700

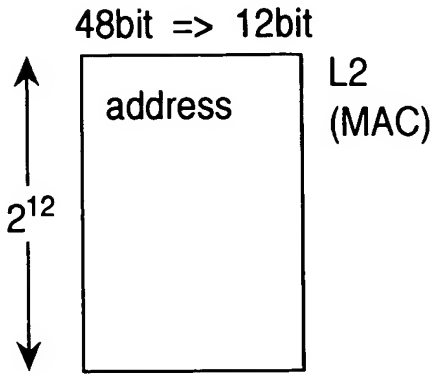

FIG. 7

COPY OF PAPERS
ORIGINALLY FILED

800

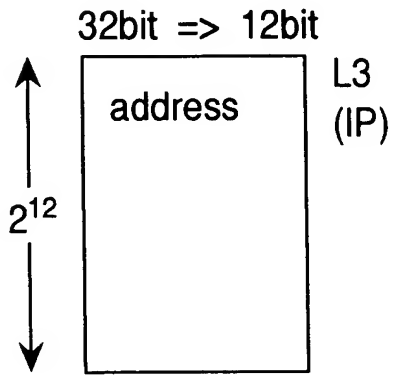

FIG. 8

COPY OF PAPERS
ORIGINALLY FILED

900

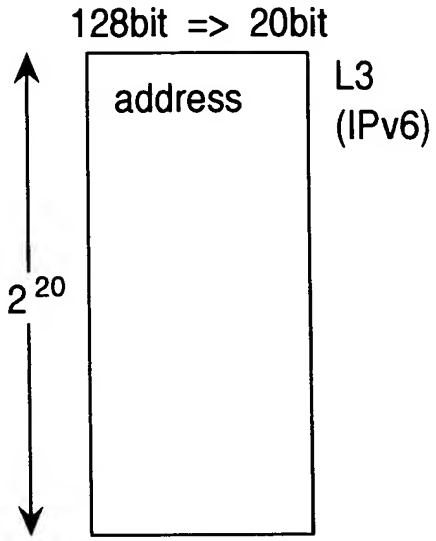

FIG. 9

COPY OF PAPERS
ORIGINALLY FILED
COPY OF PAP[illegible]
ORIGINALLY FILE[illegible]

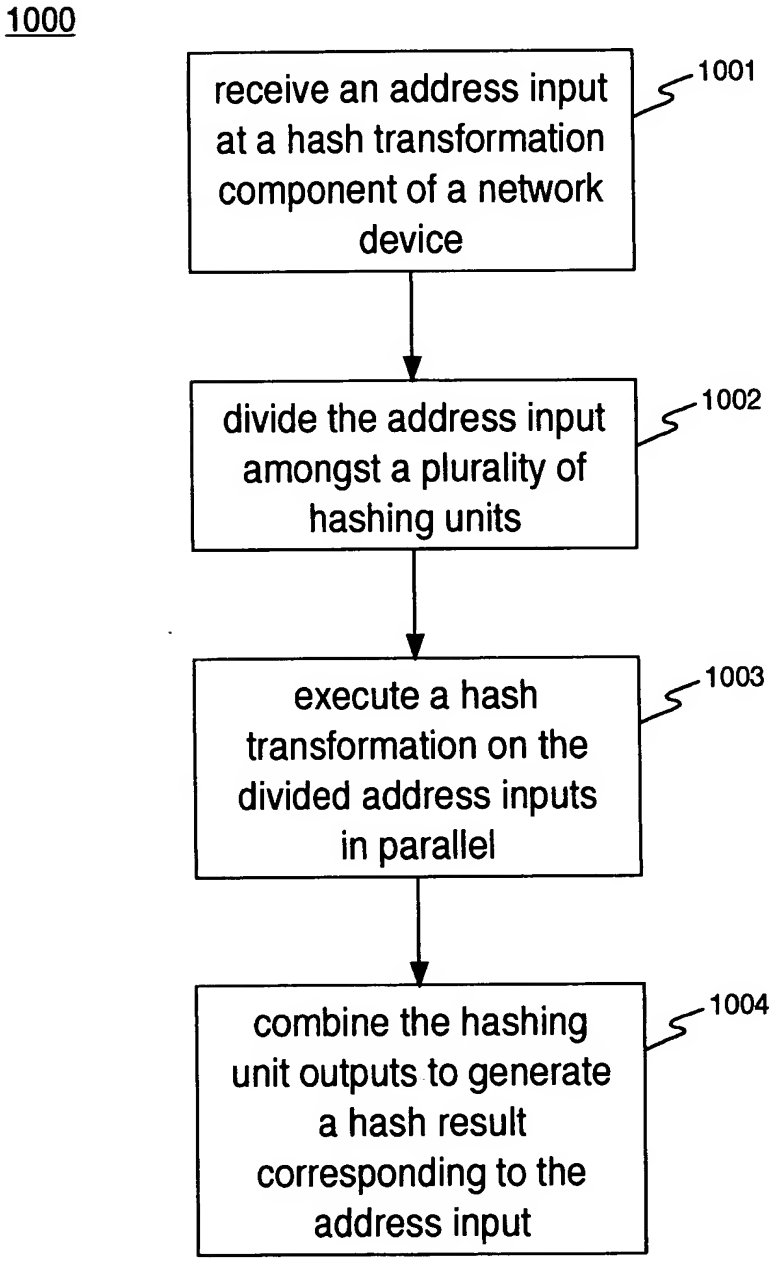

FIG. 10